

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tetsuya NAKATSUKA et al.  
Serial No.: Not Yet Assigned  
Filed: December 30, 2005  
For: REFLOW SOLDERING METHOD USING  
PB-FREE SOLDER ALLOY, AND HYBRID  
MOUNTING METHOD AND STRUCTURE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 30, 2005

Sir:

In the matter of the above-identified application, applicant(s) are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO/SB/08 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

To the extent that the documents listed on the attached form equivalent to Form PTO/SB/08 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English abstract, International Search Report and/or the discussion of these documents in the specification.

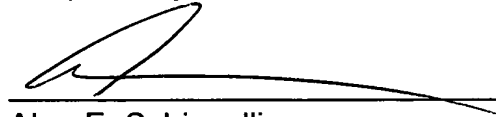
It is respectfully requested that this information disclosure statement be considered by the Examiner.

**10/562725**

**IAP20 Rec'd PGT/PTO 30 DEC 2005**

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (520.45782X00) and please credit any excess fees to such deposit account.

Respectfully submitted,



Alan E. Schiavelli  
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ANTONELLI, TERRY, STOUT & KRAUS, LLP

AES/dc  
Attachments  
(703) 312-6600

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	<b>40/562725</b>
		Filing Date	<b>December 30, 2005</b>
		First Named Inventor	<b>Tetsuya NAKATSUKA et al.</b>
		Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	<b>520.45782X00</b>	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
		JP 10-166178		6/23/1998	Hitachi Ltd		Abs
		JP 11-179586		7/06/1999	Hitachi Ltd		Abs
		JP 11-221694		8/17/1999	Hitachi Ltd		Abs
		JP 11-354919		12/24/1999	Hitachi Ltd		Abs
		JP 2001-168519		6/22/2001	Hitachi Ltd		Abs
		JP 2003-46229		2/14/2003	Hitachi Ltd		Abs
		JP 2002-261104		9/13/2002	Hitachi Ltd		Abs
		JP 3-204193		9/05/1991	Aisin Seiki Co Ltd		Abs
		JP 2001-244622		9/07/2001	Hitachi Ltd		Abs

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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